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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/23/2005

Northrop Grumman Space Technology - Law Dept. Bldg. E1/2041 One Space Park Redondo Beach, CA 90276 EXAMINER

NGUYEN, QUYNH H

ART UNIT

PAPER NUMBER

2642

DATE MAILED: 09/23/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/918,855	07/31/2001	Harvey L. Berger	22-0097	3941

TITLE OF INVENTION: METHOD AND APPARATUS FOR MAINTAINING INDEPENDENT, PARALLEL DATA STREAMS OVER SEPARATE MODULATION CHANNELS OF A MULTI-DIMENSIONAL MODULATOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/23/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

appropriate. All further con	respondence including the loclow or directed otherwise	Patent, advance or	ders and notific	cation of maintenance fees v	ired). Blocks 1 through 5 si will be mailed to the current ; and/or (b) indicating a sepa	correspondence address as	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Fee(s) Transmittal. Th	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying		
7590 09/23/2005				have its own certificat	papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
Northrop Grumm	an			Ce	rtificate of Mailing or Trans	mission	
Space Technology - Law Dept. Bldg. E1/2041 One Space Park			I hereby certify that the States Postal Service waddressed to the Mai transmitted to the USF	I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.			
Redondo Beach, CA 90276				(Depositor's name)			
						(Signature)	
						(Date)	
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nonprovisional	NO	\$1400)	\$300	\$1700	12/23/2005	
EXAM	INER	ART UN	IT	CLASS-SUBCLASS			
NGUYEN,	QUYNH H	2642		455-429000	_		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the name or agents OF (2) the name registered at 2 registered	g on the patent front page, list s of up to 3 registered patent attorneys , alternatively, of a single firm (having as a member a orney or agent) and the names of up to latent attorneys or agents. If no name is a le will be printed.			
3. ASSIGNEE NAME AND				• • •			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	clow, no assignee of this form is NOT	data will appea	ar on the patent. If an assign or filing an assignment.	nee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGNI	3E	(В) RESIDENCE	: (CITY and STATE OR CO	UNTRY)		
Please check the appropriate	assignee category or catego	ries (will not be pri	inted on the pat	ent): 🔲 Individual 🔲 C	orporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:	4b	Payment of Fo	• •			
☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed.							
Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment process.							
Advance Order - # 01	Copies		Deposit Accou	int Number	enclose an extra c	opy of this form).	
5. Change in Entity Status a. Applicant claims SI	(from status indicated above MALL ENTITY status. See	•	b. Applicar	nt is no longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if any) I from anyone of Office.) or to re-apply any previous other than the applicant; a reg	ly paid issue fee to the application istered attorney or agent; or the	ation identified above. he assignee or other party in	
Authorized Signature			·	Date			
Typed or printed name							
This collection of information application. Confidentialisubmitting the completed applications.	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT	11. The information 122 and 37 CFR 10. Time will vary	n is required to	obtain or retain a benefit by ection is estimated to take 12 on the individual case. Any co	the public which is to file (an minutes to complete, includir comments on the amount of ti	d by the USPTO to process) ng gathering, preparing, and me you require to complete	

submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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One Space Park			2642		
Redondo Beach, CA 90276			DATE MAILED: 09/23/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 905 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 905 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.